



$S_O$  = Outside Shoulder Slope

$S_I$  = Inside Shoulder Slope

$R$  = Roadway Superelevation Rate

Where  $R \leq 5\%$ ,  $S_O = R - 7\%$  (Sloping Opposite Direction as Roadway);  $S_I = 5\%$

Where  $5\% < R \leq 9\%$ ,  $S_O = +2\%$  (Sloping Same Direction as Roadway);  $S_I = R$

Where  $R > 9\%$ ,  $S_O = R - 7\%$  (Sloping Same Direction as Roadway);  $S_I = R$

**Figure 5-4** Shoulder Slopes In Superelevated Section